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April 11, 1995

EST 1127

Mr. Jody Hill
NUPLA Plastic Corporation
11912 Sheldon Street
Sun Valley, California 91754-2156

Subject: Monitoring of Nested Soil Gas Probes (Third Episode)
NUPLA Plastic Corporation Site
11912 Sheldon Street, Sun Valley, California
(LARWQCB File No. 111.0788)

Dear Mr. Hill:

On March 30, 1995, Environmental Support Technologies, Inc. (EST) monitored two (2) existing multi-depth nested soil gas probe installations at the NUPLA Plastic Corporation site located at 11912 Sheldon Street in Sun Valley, California. Each nested probe installation contained probes at 10, 20, 30, 40, and 50 feet below grade.

Field analyses results for soil gas samples collected from the nested probe installations are summarized in Table 1. Factors affecting the gas-phase distribution of volatile organic compounds in the subsurface are listed in Appendix A. Field analyses results for soil gas samples, quality assurance/quality control data, and three point calibration data are provided in Appendix B.

Soil gas samples were analyzed using a gas chromatograph (GC) equipped with a photo-ionization detector (PID) and an electrolytic conductivity detector (ELCD) placed in series. The GC configuration used a megabore capillary column to allow resolution and quantitation of EPA Method 8010/8020 compounds, including halogenated and aromatic hydrocarbons. Soil gas sampling and analyses were performed in accordance with Los Angeles Regional Water Quality Control Board (LARWQCB) protocols dated March 8, 1994. Details of EST's standard methods and procedures are provided in Appendix C.

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Should you have any questions or comments please contact me at (714) 457-9664.

Sincerely,

Environmental Support Technologies, Inc.

Kirk A. Thomson

Kirk A. Thomson, R.G., R.E.A.
Project Manager/Principal Hydrogeologist

cc: EST File

LIMITATIONS AND WARRANTIES

This Report on Monitoring of Nested Probes (Second Episode) has been prepared for the exclusive use of NUPLA Corporation and assigned interested parties. The report has been prepared in accordance with generally accepted environmental assessment practices. No other warranty, expressed or implied, is made.

The information provided in this report is based on measurements performed in specific areas during a specific limited period of time. In the event that any changes occur in waste management practices, site conditions, or uses of the property, the conclusions and recommendations contained in this Soil Gas Survey Report should be reviewed and modified or verified in writing by Environmental Support Technologies, Inc.

Soil gas sample analyses are conducted using laboratory-grade gas chromatography equipment. Chemical compound identification is performed using quantitative methods. Chemical compound identities should be verified using gas chromatography/mass spectrometric analyses methods. Soil gas survey data should be used in conjunction with other site specific data.

There is no investigation which is thorough enough to absolutely exclude the presence of hazardous material at the project site. Therefore, if none are identified as part of a limited investigation, such a conclusion should not be construed as a guaranteed absence of such materials, but merely the results of an investigation. EST, despite the use of reasonable care and a commitment to professional excellence, may not identify the presence of hazardous materials and hazardous compound concentrations in soil, soil gas, and/or groundwater. EST assumes no responsibility for conditions not investigated or for conditions not generally recognized as environmentally unacceptable, at the time of the investigation.

K. A. Thomson

Kirk A. Thomson, R.G., R.E.A.
Project Manager

David M. Pride
Senior Environmental Chemist

TABLE 1

SUMMARY OF FIELD ANALYSES RESULTS FOR SOIL GAS SAMPLES
FROM NESTED PROBE INSTALLATIONS NP1 AND NP2
(THIRD EPISODE MONITORING)

NUPLA PLASTIC CORPORATION
11912 SHELDON STREET, SUN VALLEY, CALIFORNIA
(concentrations are reported in micrograms per liter (ug/L))

4/11/95
FILE: 127ANPT3.WK3

PROBE NUMBER	DEPTH (feet)	SAMPLING EVENTS (3/30/95)	Date(s) Sampled	FREON 113 (ug/L)	TCE (ug/L)	1,1,1–TCA (ug/L)	1,1–DCE (ug/L)	C–1,2–DCE (ug/L)
NP1–10	10	1	03/22/94	ND<1	4	ND<1	ND<1	ND<1
		1	09/20/94	ND<1	ND<1	ND<1	ND<1	ND<1
		1	03/30/95	ND<1	2	ND<1	ND<1	ND<1
NP1–20	20	1	03/22/94	ND<1	22	2	1	ND<1
		1	09/20/94	ND<1	7	1	ND<1	ND<1
		1	03/30/95	ND<1	3	ND<1	ND<1	ND<1
NP1–30	30	1	03/22/94	ND<1	48	4	3	ND<1
		1	09/20/94	ND<1	17	2	ND<1	ND<1
		1	03/30/95	ND<1	18	2	ND<1	ND<1
NP1–40	40	1	03/22/94	ND<1	53	4	4	ND<1
		2	09/20/94	ND<1	24	2	ND<1	ND<1
		1	03/30/95	ND<1	8	ND<1	ND<1	ND<1
NP1–50	50	3	03/22/94	ND<1	55	3	3	ND<1
		1	09/20/94	ND<1	18	3	ND<1	ND<1
		1	03/30/95	ND<1	15	2	ND<1	ND<1
NP2–10	10	1	03/22/94	222	93	2	ND<1	ND<1
		1	09/20/94	ND<1	25	2	ND<1	1
		2	03/30/95	1	113	7	ND<1	2
NP2–20	20	1	03/22/94	ND<1	49	5	3	1
		2	09/20/94	ND<1	37	6	ND<1	4
		2	03/30/95	7	285	19	ND<5	ND<5
NP2–30	30	1	03/22/94	ND<1	124	9	8	2
		4	09/20/94	ND<1	51	8	ND<1	5
		2	03/30/95	ND<5	224	14	ND<5	ND<5
NP2–40	40	1	03/22/94	ND<1	190	11	9	3
		1	09/20/94	ND<1	34	6	ND<1	3
		2	03/30/95	12	351	24	ND<5	ND<5
NP2–50	50	1	03/22/94	ND<1	177	12	9	2
		2	09/20/94	ND<1	52	6	ND<1	3
		2	03/30/95	ND<5	182	11	ND<5	ND<5

FREON 113 = 1,1,2–trichloro–trifluoroethane
TCE = trichloroethene
ND = not detected
1,1–DCE = 1,1–dichloroethene
C–1,2–DCE = cis–1,2–dichloroethene
1,1,1–TCA = 1,1,1–trichloroethane